What is claimed is:

1. A compound of formula (I):

where:

A<sup>1</sup> and A<sup>2</sup> are the same or different aryl groups collectively bearing at least one hydrophilic substituent;

E<sup>1</sup> and E<sup>2</sup> are the same or different and are O, S, or NR<sup>2</sup> (where R<sup>2</sup> is a linear or branched C<sub>1</sub>-C<sub>20</sub> carbon containing group);

M is H or a pharmaceutically acceptable monovalent cation;

R<sup>1</sup> is a linear or branched, saturated or unsaturated, C<sub>1</sub>-C<sub>20</sub> carbon containing group;

Z is a single bond, a carbonyl,  $CE^3E^4$ , or  $CR^3E^3$ , where

E<sup>3</sup> and E<sup>4</sup> are the same or different and are OR<sup>4</sup>, SR<sup>4</sup>, or NR<sup>4</sup><sub>2</sub>, where

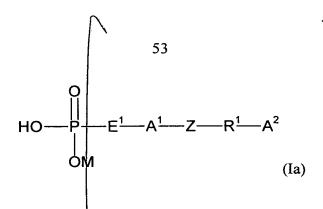
R<sup>3</sup> is a linear or branched C<sub>1</sub>-C<sub>20</sub> carbon containing group, and

R4 is H or a linear or branched C1-C20 carbon containing group; and

n is 0 or 1, or a pharmaceutically acceptable salt thereof,

provided that the compound is not 4'-phosphophloretin or a pharmaceutically acceptable salt thereof.

2. The compound of Claim that is a compound of formula (Ia):



A<sup>1</sup>, A<sup>2</sup>, E<sup>1</sup>, M, R<sup>1</sup> and Z are as defined in Claim 1, or a pharmaceutically acceptable salt thereof, provided that the compound is not 4'-phosphophloretin or a pharmaceutically acceptable salt thereof.

3. The compound of Claim 1 that is a compound of formula (Ib):

where:

A<sup>1</sup>, A<sup>2</sup>, M, R<sup>1</sup> and Z are as defined in Claim 1, or a pharmaceutically acceptable salt thereof, provided that the compound is not 4'-phosphophloretin or a pharmaceutically acceptable salt thereof.

4. The compound of Claim 1 that is a compound of formula (Ic):

$$HO \longrightarrow P \longrightarrow N \longrightarrow A^1 \longrightarrow Z \longrightarrow R^1 \longrightarrow A^2$$

$$OM \qquad (Ic)$$

A<sup>1</sup>, A<sup>2</sup>, M, R<sup>1</sup> and Z are as defined in Claim 1, or a pharmaceutically acceptable salt thereof.

5. The compound of claim 1 that is a compound of formula (Id):

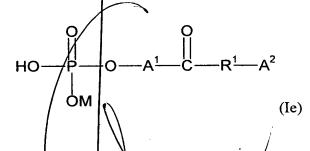
$$HO \longrightarrow P \longrightarrow S \longrightarrow A^1 \longrightarrow Z \longrightarrow R^1 \longrightarrow A^2$$

$$OM \qquad (Id)$$

where:

A<sup>1</sup>, A<sup>2</sup>, M, R<sup>1</sup> and Z are as defined in Claim 1, or a pharmaceutically acceptable salt thereof.

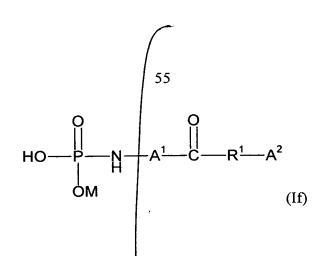
6. The compound of claim that is a compound of formula (Ie):



where:

A<sup>1</sup>, A<sup>2</sup>, M, and R<sup>1</sup> are as defined in Claim 1, or a pharmaceutically acceptable salt thereof, provided that the compound is not 4'-phosphophloretin or a pharmaceutically acceptable salt thereof.

7. The compound of claim 1 that is a compound of formula (If):



A<sup>1</sup>, A<sup>2</sup>, M, and R<sup>1</sup> are as defined in Claim 1, or a pharmaceutically acceptable salt thereof.

8. The compound of claim 1 that is a compound of formula (Ig):

$$A^{1}$$
  $C$   $R^{1}$   $A^{2}$  (Ig)

where:

A<sup>1</sup>, A<sup>2</sup>, M, and R<sup>1</sup> are as defined in Claim 1 or a pharmaceutically acceptable salt thereof.

- 9. The compound of Claim 1 that is 2'-phosphophloretin, 2'-thiophosphophloretin or 2'-aminophosphophloretin or a pharmaceutically acceptable salt thereof.
- 10. A medication comprising a carrier and a therapeutically effective amount of a compound of formula (I):

$$A^{1} - B^{-} = A^{1} - A^{-} = A^{1} - A^{2} + A^{2} + A^{2} + A^{2} = A^{2} + A^{2$$

A<sup>1</sup> and A<sup>2</sup> are the same or different aryl groups collectively bearing at least one hydrophilic substituent;

 $E^1$  and  $E^2$  are the same or different and are O, S, or  $NR^2$  (where  $R^2$  is a linear or branched  $C_1$ - $C_{20}$  carbon containing group);

M is H or a pharmaceutically acceptable monovalent cation;

R<sup>1</sup> is a linear or branched, saturated or unsaturated, C<sub>1</sub>-C<sub>20</sub> carbon containing group;

Z is a single bond, a carbonyl, CE<sup>3</sup>E<sup>4</sup>, or CR<sup>3</sup>E<sup>3</sup>, where

E<sup>3</sup> and E<sup>4</sup> are the same or different and are OR<sup>4</sup>, SR<sup>4</sup>, or NR<sup>4</sup><sub>2</sub>, where

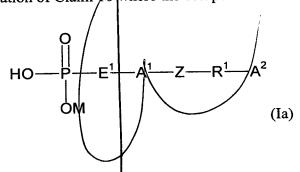
R<sup>3</sup> is a linear or branched C<sub>1</sub>-C<sub>20</sub> carbon containing group, and

 $R^4$  is H or a linear or branched  $C_1\text{-}C_{20}$  carbon containing group; and

n is 0 or 1,

or a pharmaceutically acceptable salt thereof.

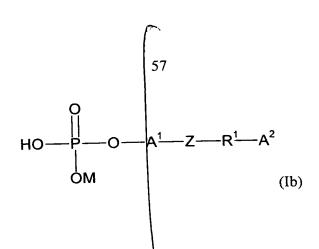
11. The medication of Claim 10 where the compound is a compound of formula (Ia):



where:

A<sup>1</sup>, A<sup>2</sup>, E<sup>1</sup>, M, R<sup>1</sup> and Z are as defined in Claim 10, or a pharmaceutically acceptable salt thereof.

12. The medication of Claim 10 where the compound is a compound of formula (Ib):



A<sup>1</sup>, A<sup>2</sup>, M, R<sup>1</sup> and Z are as defined in Claim 10, or a pharmaceutically acceptable salt thereof.

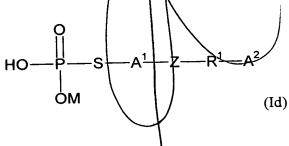
13. The medication of Claim 10 where the compound is a compound of formula (Ic):

$$HO \longrightarrow P \longrightarrow N \longrightarrow Z \longrightarrow R^1 \longrightarrow A^2$$
(Ic)

where:

 $A^1$ ,  $A^2$ , M,  $R^1$  and Z are as defined in Claim 1/0, or a pharmaceutically acceptable salt thereof.

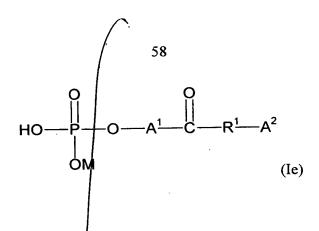
14. The medication of Claim 10/where the compound is a compound of formula (Id):



where:

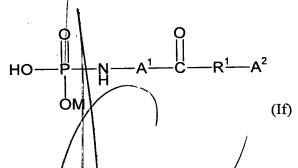
A<sup>1</sup>, A<sup>2</sup>, M, R<sup>1</sup> and Z are as defined in Claim 10, or a pharmaceutically acceptable salt thereof.

15. The medication of Claim 10 where the compound is a compound of formula (Ie):



A<sup>1</sup>, A<sup>2</sup>, M, and R<sup>1</sup> are as defined in Claim 10, or a pharmaceutically acceptable salt thereof.

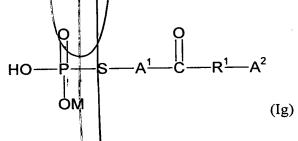
16. The medication of Claim 10 where the compound is a compound of formula (If):



where:

A<sup>1</sup>, A<sup>2</sup>, M, and R<sup>1</sup> are as defined in Claim 10, or a pharmaceutically acceptable salt thereof.

17. The medication of Claim  $| \psi \rangle$  where the compound is a compound of formula (Ig):



where:

A<sup>1</sup>, A<sup>2</sup>, M, and R<sup>1</sup> are as defined in Claim 10, or a pharmaceutically acceptable salt thereof.

- 18. The medication of Claim 10 where the compound is 2'-phosphophloretin, 2'-thiophosphophloretin or 2'-aminophosphophloretin or a pharmaceutically acceptable salt thereof.
- 19. A method of inhibiting sodium-mediated phosphate uptake, reducing serum PTH, calcium, calcitriol, or phosphate, or treating renal disease, comprising administration of a compound of formula (I):

$$A^{1} - A^{1} - A^{1} - A^{2} - A^{2$$

A<sup>1</sup> and A<sup>2</sup> are the same or different aryl groups collectively bearing at least one hydrophilic substituent;

 $E^1$  and  $E^2$  are the same or different and are O, S, or  $NR^2$  (where  $R^2$  is a linear or branched  $C_1$ - $C_{20}$  carbon containing group);

M is H or a pharmaceutically acceptable movovalent eation;

R1 is a linear or branched, saturated or unsaturated, C1-C20 carbon containing group;

Z is a single bond, a carbonyl, CE3E4, or CR3E3, where

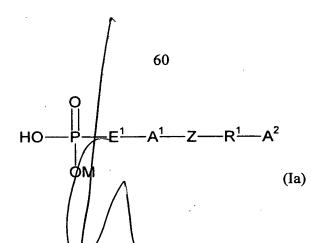
E<sup>3</sup> and E<sup>4</sup> are the same or different and are OR<sup>4</sup>, SR<sup>4</sup>, or NR<sup>4</sup><sub>2</sub>, where

 $R^3$  is a linear or branched  $C_{\psi}C_{20}$  carbon containing group, and

R<sup>4</sup> is H or a linear or branched C<sub>1</sub>-C<sub>20</sub> carbon containing group; and

n is 0 or 1, or a pharmaceutically acceptable salt thereof.

20. The method of Claim 19 where the compound is a compound of formula (Ia):



A<sup>1</sup>, A<sup>2</sup>, E<sup>1</sup>, M, R<sup>1</sup> and Z are as defined in Claim 19, or a pharmaceutically acceptable salt thereof.